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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,583	03/10/2004	Meng-Shin Yen	250209-1170	6337
24504 7590 07/23/2007 THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP 100 GALLERIA PARKWAY, NW STE 1750 ATLANTA, GA 30339-5948			EXAMINER DANG, HUNG Q	
			ART UNIT 2621	PAPER NUMBER
			MAIL DATE 07/23/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/798,583

Applicant(s)

YEN ET AL.

Examiner

Hung Q. Dang

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>03/03/2005</u> | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1-16 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rajchel (US Patent 6,272,575) and Jeong (US Patent 10798583).**

Regarding claim 1, Rajchel discloses a detachable audio video media playing/displaying apparatus (column 1, lines 43-52), comprising: a media-accessing device including a first I/O port (column 1, lines 57-60; column 2, lines 46-51; column 4, lines 5-10); a displaying module (column 1, lines 53-57; column 3, lines 50-52) including: a fixing base for receiving the media-accessing device (column 1, lines 53-57; column 4, lines 15-18), the fixing base including a second I/O port for being connected to the first I/O port (column 1, lines 53-60), and a monitor (column 1, lines 53-55; column 3, lines 50-52); and a locking apparatus for fixing the media-accessing device on the displaying module when the media-accessing device is combined with the displaying module (column 4, lines 15-24); wherein the media-accessing device is detachable from the displaying module (column 4, lines 15-18), and the media-accessing device outputs signals to the monitor via the first and the second I/O ports when the media-accessing device is put into the fixing base and combined with the displaying module (column 4, lines 5-15; column 7, lines 36-55).

However, Rajchel does not disclose a monitor capable of being opened or closed relative to the fixing base.

Jeong discloses a monitor capable of being opened or closed relative to the fixing base (Fig. 1; Fig. 2).

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate the monitor that is capable of being opened or closed relative to the fixing base into the detachable audio video media playing/displaying apparatus disclosed by Rajchel for the following reason: the monitor that is capable of being opened or closed relative to the fixing base would keep the apparatus more compact and easier for carrying.

Regarding claim 2, Rajchel also discloses the fixing base has a controlling button, which can control the media-accessing device via the second I/O port (column 1, lines 53-60; column 2, lines 3-12).

Regarding claim 3, Jeong also discloses the controlling button is a lock button (Fig. 19; column 16, lines 15-24).

Regarding claim 4, Rajchel also discloses the base unit has a power supply to supplies electrical power to both the base unit and the media-accessing device (column 3, lines 57-61). However, Rajchel does not disclose a power button to turn it on or off.

It is noted that a power button is well known in the art as a means to turn power on or off on electronic devices. Thus, Official Notice is taken.

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate the power button to power the system on and off to

provide power to the system only necessary, e.g., when they are operating and to cut off electrical power when they are not in operation. The incorporated feature would help save power for the system.

Regarding claim 5, see the teachings of Rajchel as discussed in claim 1 above. However, Rajchel does not disclose the locking apparatus comprises a locking piece at a front a device, and a groove on the media-accessing device.

Jeong also discloses the locking apparatus comprises a locking piece at a front a device, and a groove on the other device that can be incorporated into the fixing base and the media-accessing device (Fig. 19; column 16, lines 15-24).

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate the locking apparatus comprising a locking piece and a groove as disclosed by Jeong into the apparatus disclosed by Rajchel to firmly secure the fixing base and media-accessing device thus preventing them from being unintentionally detached or dropped off while they are in operation.

Regarding claim 6, Jeong also discloses the locking piece is engaged with the groove when the device is combined with the displaying module (Fig. 19; column 16, lines 15-24), and released when the locking piece is pressed off the groove by hand (Fig. 19; column 16, lines 15-24) while Rajchel discloses the media-accessing device can be taken from the displaying module when unconnected and removed (column 4, lines 15-24).

Regarding claim 7, Rajchel also discloses the media-accessing device is a portable DVD player (column 1, lines 25-29).

Regarding claim 8, Rajchel also discloses the media-accessing device is a Personal Digital Assistant (PDA) (abstract; column 1, lines 22-40).

Regarding claim 9, Rajchel also discloses the media-accessing device is a TV tuner (column 7, lines 36-44).

Regarding claim 10, Jeong also discloses the monitor is a liquid crystal displayer (LCD) (abstract).

Regarding claim 11, Rajchel discloses a detachable audio video media playing/displaying apparatus (column 1, lines 43-52), comprising: a portable DVD player including a first I/O port (column 1, lines 25-29, 57-60; column 2, lines 46-51; column 4, lines 5-10); a displaying module (column 1, lines 53-57; column 3, lines 50-52) including: a fixing base for receiving the portable DVD player (column 1, lines 25-29, 53-57; column 4, lines 15-18), the fixing base including: a second I/O port for being connected to the first I/O port (column 1, lines 53-60), and a battery for supplying power to the displaying module (column 3, lines 57-61); a monitor (column 1, lines 53-55; column 3, lines 50-52); and a locking apparatus for fixing the portable DVD player on the displaying module when the portable DVD player is combined with the displaying module (column 4, lines 15-24); wherein the portable DVD player is detachable from the displaying module (column 4, lines 15-18), and DVD films can be played on the monitor via the first and the second I/O ports when the portable DVD player is put into the fixing base and combined with the displaying module (column 4, lines 5-15; column 7, lines 36-55).

However, Rajchel does not disclose a monitor capable of being opened or closed relative to the fixing base.

Jeong discloses a monitor capable of being opened or closed relative to the fixing base (Fig. 1; Fig. 2).

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate the monitor that is capable of being opened or closed relative to the fixing base into the detachable audio video media playing/displaying apparatus disclosed by Rajchel for the following reason: the monitor that is capable of being opened or closed relative to the fixing base would keep the apparatus more compact and easier for carrying.

Regarding claim 12, Rajchel also discloses the fixing base has a controlling button, which can control the portable DVD player via the second I/O port (column 1, lines 25-29, 53-60; column 2, lines 3-12).

Claim 13 is rejected for the same reason as discussed in claim 3 above.

Claim 14 is rejected for the same reason as discussed in claim 4 above.

Regarding claim 15, Jeong also discloses a portable DVD player has an upper cover (Fig. 1; column 7, lines 15-19).

Regarding claim 16, Jeong also discloses the upper cover of the portable DVD player can be opened or closed when the DVD player is combined with the displaying module and the monitor is opened (Fig. 5; Fig. 6; column 7, lines 15-19).

Regarding claim 18, Rajchel also discloses the battery supplies power for the portable DVD player as well as the displaying module (column 3, lines 57-62).

**Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Rajchel (US Patent 6,272,575) and Jeong (US Patent 10798583) as applied to claims 1-16 and 18 above, and further in view of Numano et al. (US 2002/0034127).**

Regarding claim 17, see the teachings of Rajchel and Jeong as discussed in claim 11 above. However, the proposed combination of Rajchel and Jeong does not disclose the portable DVD player has a tray for receiving a DVD, which can be drawn out and pushed back at one side of the fixing base.

Numano et al. disclose a DVD drive has a tray for receiving a DVD, which can be drawn out and pushed back at one side of a fixing base (Fig. 1; Fig. 3; [0043]).

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate the DVD drive that has a tray for receiving a DVD, which can be drawn out and pushed back at one side of a fixing base as disclosed by Numano et al. into the portable DVD player in the system disclosed by Rajchel and Jeong in order to keep the apparatus, even when combined with the DVD player, more compact in vertical direction. The incorporated feature would make the portable DVD player, when opened for disc exchange, still compact and fits to places where vertical space is limited.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q. Dang whose telephone number is 571-270-1116. The examiner can normally be reached on M-Th:7:30-6:00.

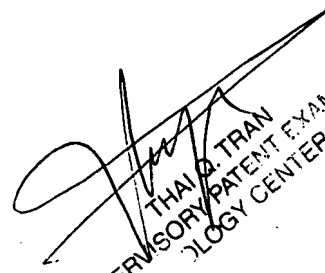


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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Hung Dang  
Patent Examiner

  
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